

CLASS: A

PROTOCOL(S) USED IN: Abdominal Pain, Chest Pain, Pain Management, Endotracheal Intubation RSI

PHARMACOLOGY AND ACTIONS:

Fentanyl is a pure opioid analgesic used to manage pain.

INDICATIONS:

- A. Pain management
- B. Extremity Fractures
- C. Back and neck injuries when sedation/pain relief is necessary to prevent a patient from moving around and potentially injuring themselves.
- D. Burns
- E. Trauma

CONTRAINDICATIONS:

- A. Patients with known intolerance to Fentanyl
- B. Use caution if patient is pregnant, pregnancy risk category C

SIDE EFFECTS AND NOTES:

- A. Respiratory depression
- B. Decreased BP; monitor BP before and after administration. Systolic BP must be over 110mmHg
- C. Decreased level of consciousness; watch for respiratory depression.
- D. Decreased heart rate.
- E. Have naloxone available to reverse over administration.
- F. May follow administration with Zofran for nausea.
- G. A dose of 100mcg is approximately equivalent to 10mg of morphine.

ADULT DOSING:

Pain management: 50 mcg given **slowly IV/IM/IO/IN** titrated to patient's condition and response.

Post RSI Pain Management: 1-2 mcg/kg IV/IO

PEDIATRIC DOSING:

1 microgram/kg IV/IO/IM/IN. May repeat with 0.5 -1 mcg/kg every 3-5 minutes as needed to a maximum of 4 mcg/kg. Do not exceed adult dosing